

Fig. 1

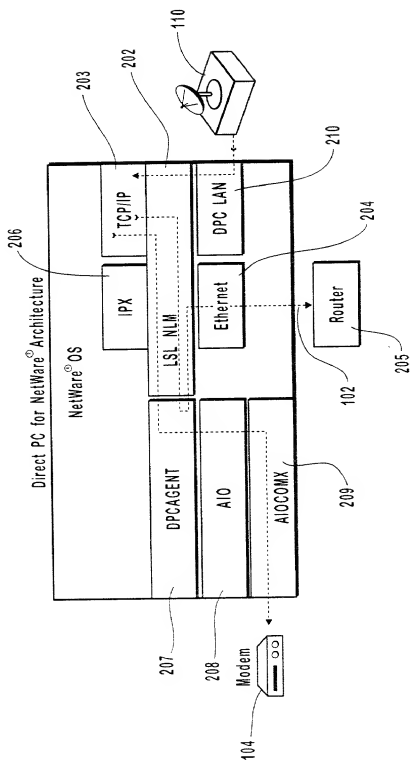


Fig. 2

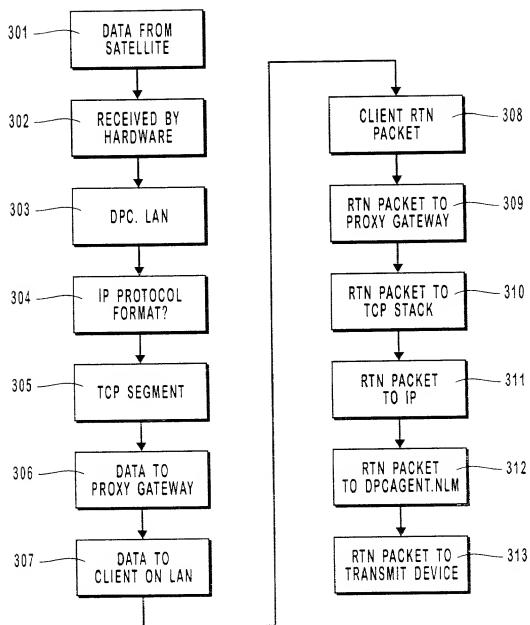


Fig. 3

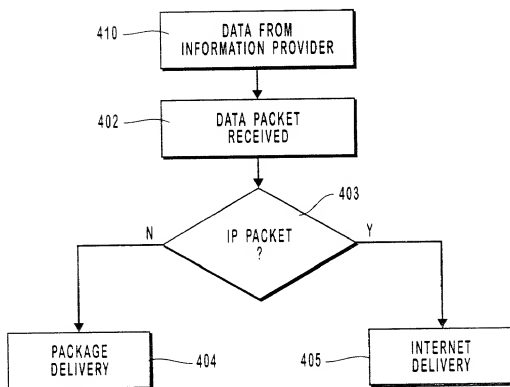


Fig. 4

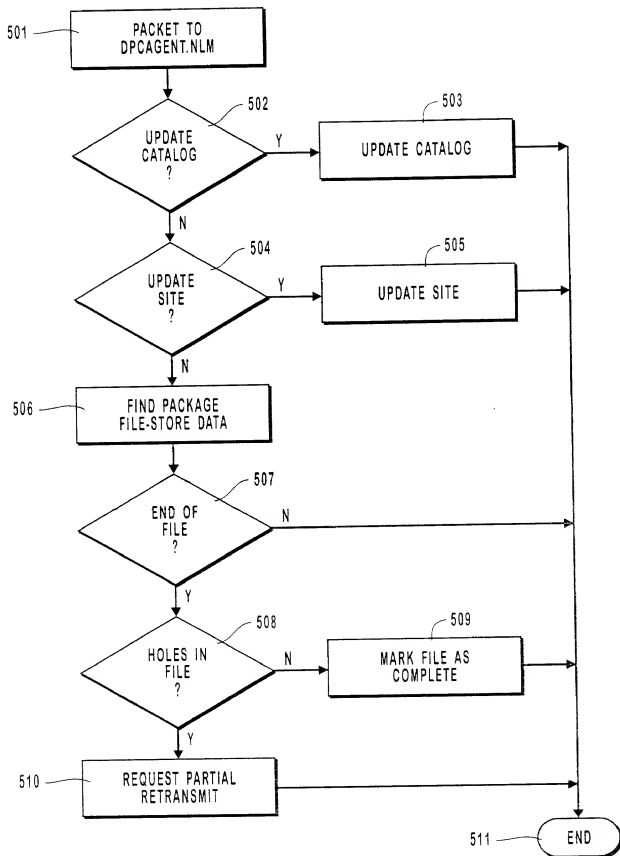


Fig. 5

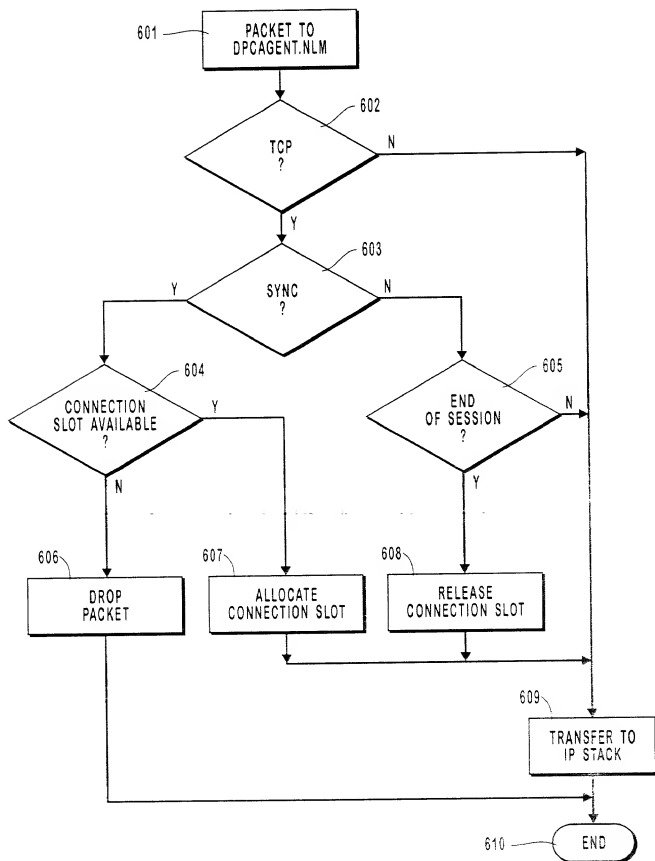


Fig. 6

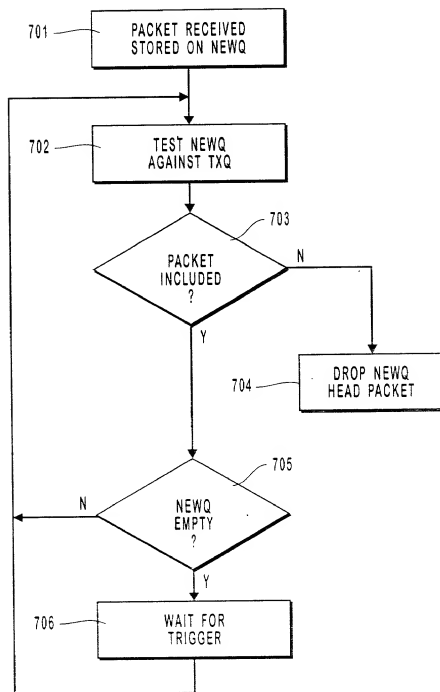


Fig. 7

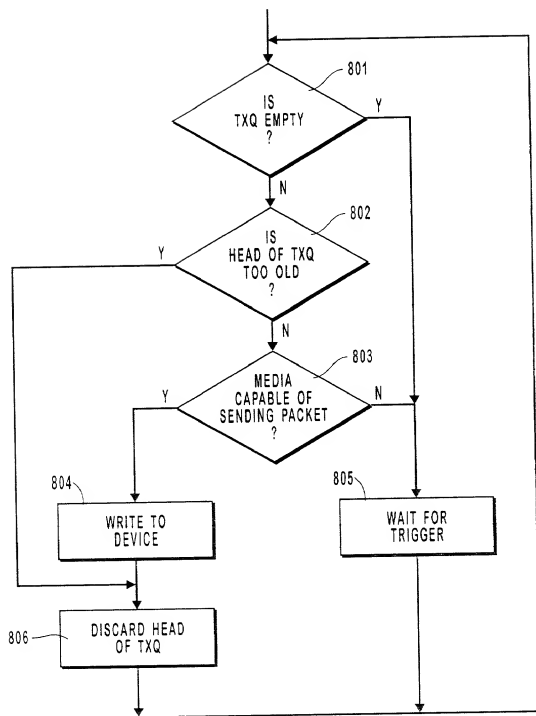
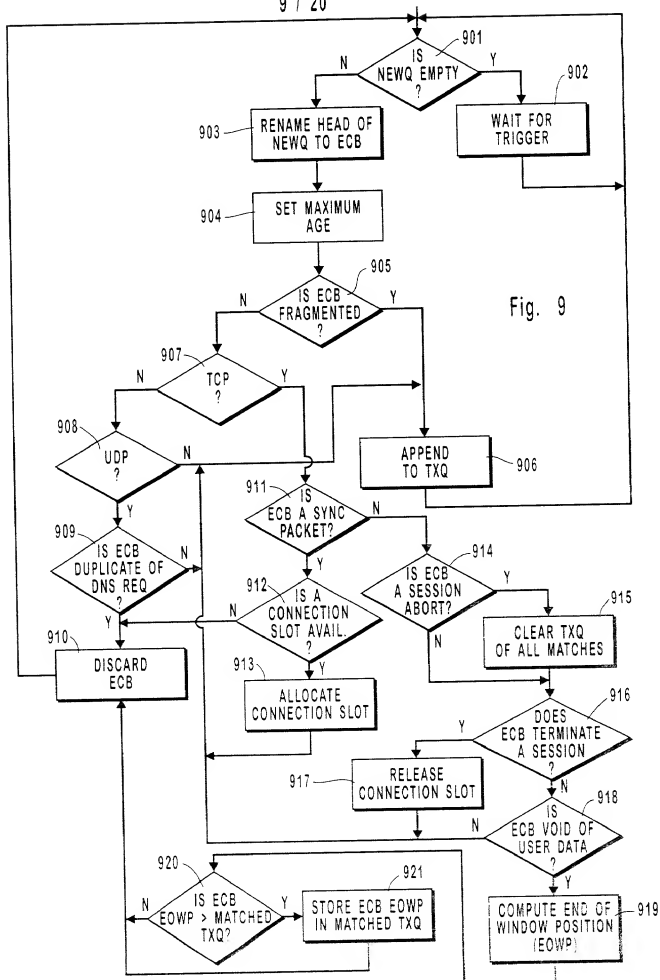


Fig. 8





**DPC AGENT PROGRAM 1.50**

**DPCAGENT Options**

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-1

**DPC AGENT PROGRAM 1.50**

**Digital Package Delivery**

DIRECPC	AVI	Marilyn Avi
DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority

**Status** <TAB> Sorting <Enter> Details <Ins> Download <DEL> Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-2

**DPC AGENT PROGRAM 1.50**

**DPCAGENT Options**

Package Delivery

Display MLIID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE      Tx ☐ Rx ☐ Cd ☐  
 Package Status: marilyn avi  52%      1755510/3374352  
 Select an Option <Enter>      Users 50      Keys ☐ Signal ☐

Fig. 10b-1

**DPC AGENT PROGRAM 1.50**

**Digital Package Delivery**

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
CONFIRM DIRECPC	AVI	Marilyn Avi

**Status**    **<TAB>** Sorting    **<Enter>** Details    **<Ins>** Download    **<DEL>** Cancel  
 Modem Status: IDLE      Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter>      Users 50      Keys ☐ Signal ☐

Fig. 10b-2

DPC AGENT PROGRAM 1.50			
Digital Package Delivery			
DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
NEEDED	DIRECPC	AVI	Marilyn Avi

<b>Status</b>	<b>&lt;TAB&gt;</b> Sorting	<b>&lt;Enter&gt;</b> Details	<b>&lt;Ins&gt;</b> Download	<b>&lt;DEL&gt;</b> Cancel
Modem Status: Dialing			Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/>	
Package Status: IDLE				
Select an Option <Enter>				

Fig. 10c-1

DPC AGENT PROGRAM 1.50			
Digital Package Delivery			
DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
NEEDED	DIRECPC	AVI	Marilyn Avi

<b>Status</b>	<b>&lt;TAB&gt;</b> Sorting	<b>&lt;Enter&gt;</b> Details	<b>&lt;Ins&gt;</b> Download	<b>&lt;DEL&gt;</b> Cancel
Modem Status: Disconnecting from Package Delivery			Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/>	
Package Status: marilyn.avi			688512/3374352	
Select an Option <Enter>			Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10c-2

DPC AGENT PROGRAM 1.50	
DPC_1_EII [DPC port=140 int=8 frame=ETHERNET_II]	
Version 1.20	
Node Address: 80AE000001	
Protocols:	
ARP	
IP	
Generic statistics	
Total packets sent:	1
Total packets received:	0
No ECB available count:	0
Send packet too big count:	0
Reserved:	Not Supported
Receive packet overflow count:	0
Receive packet too big count:	0
Receive packet too small count:	Not Supported
Send packet miscellaneous errors:	0
Receive packet miscellaneous errors:	0
Modem Status: IDLE	Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/>
Package Status: IDLE	
Select an Option <Enter>	Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>

Fig. 10d-1

DPC AGENT PROGRAM 1.50	
DPC_1_EII [DPC port=140 int=8 frame=ETHERNET_II]	
Send abort from excessive deferral	0
Receive abort from bad frame alignment	0
Custom statistics	
Signal Quality	235
Rx Frequency	13,300
Largest Received IP Frame	0
Number of Receive IP Frames over 400	0
Ave size of Receive IP frames over 400	0
Mips Rx enable commands	0
Mips Rx disable commands	0
Mips frames accepted	6.962
Mips frames rejected from no filter match	1,489,475
Mips frames rejected from zero address	0
Mips frames rejected from adapter disabled	0
Mips frames rejected from low buffer pool	3.611.966
Modem Status: IDLE	Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/>
Package Status: IDLE	
Select an Option <Enter>	Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>

Fig. 10d-2

**DPC AGENT PROGRAM 1.50**

DPC Configuration

Modem Configuration

Package Delivery Configuration

Provider Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-1

**DPC AGENT PROGRAM 1.50**

Modem Configuration Editor

Packet Life(sec)	= 120
Call Setup(sec)	= 60
Aync Buffer Size	= 8192
Dial Prefix	= ATDT
Hangup Str	= ATH0
Disconnect str	= NO CARRIER
Escape Str	= +++
Connect str	= CONNECT
Init str	= AT&F1

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-2

**DPC AGENT PROGRAM 1.50**

---

**Package Delivery Configuration Editor**

Package Phone	=	1-800-825-3954
Package Baud	=	9600
Package Inactivity(sec)	=	10
Max Database Entries	=	1024

---

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-1

**DPC AGENT PROGRAM 1.50**

---

**Provider Configuration Editor**

	Outbound Protocol =	Modem - PPP
Internet Phone	=	343-2720
Internet Baud	=	57600
Internet MTU	=	1500
Internet Inactivity(sec)	=	180
IP Address(ISP)	=	153.35.210.185
Hybrid gateway Address	=	206.71.99.5
Auto Login Enabled	=	No
	Modify Auto login Script	
	Modify PPP Configuration	

---

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-2

DPC AGENT PROGRAM 1.50	
Login Script Editor	
Wait1:	Wait Timeout 1= 10
Send1:	
Wait2:	Wait Timeout 2= 5
Send2:	
Wait3:	Wait Timeout 3= 5
Send3:	
Wait4:	Wait Timeout 4= 5
Send4:	
Wait5:	Wait Timeout 5= 5
Send5:	
Wait6:	Wait Timeout 6= 5
Send6:	
Wait7:	Wait Timeout 7= 5
Send7:	
Wait8:	Wait Timeout 8= 5
Send8:	
Wait9:	Wait Timeout 9= 5
Send9:	
Modem Status: IDLE Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Package Status: IDLE Select an Option <Enter> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-1

DPC AGENT PROGRAM 1.50	
Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
PPP Configuration Editor	
Authentication User Name:	
Authentication Password :	
Maximum Receive Unit	: 1400
Asynch. Control Char Map: 0x0	
Modify Auto Login Script Modify PPP Configuration	
Modem Status: IDLE Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Package Status: IDLE Select an Option <Enter> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-2



**DPC AGENT PROGRAM 1.50**

---

**Provider Configuration Editor**

---

Outbound Protocol = **Modem - PPP**

Internet Phone	=	Outbound Protocol
Internet Baud	=	
Internet MTU	=	
Internet Inactivity(sec)	=	Modem - SLIP
IP Address(ISP)	=	Modem - PPP
Hybrid gateway Address	=	LAN/WAN

Auto Login Enabled = No

Modify Auto login Script

Modify PPP Configuration

---

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-1

**DPC AGENT PROGRAM 1.50**

---

**Provider Configuration Editor**

---

Outbound Protocol = **LAN/WAN**

---

**Network Route Configuration Editor**

---

Interface: **2**

Router Mac Address: **00-00-0c-4a-55-f4**

---

Auto Login Enabled = No

Modify Auto Login Script

Modify Network Configuration

---

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-2

**DPC AGENT PROGRAM 1.50**

Dish Pointing

Antenna Pointing Calculations

Signal Strength Meter

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-1

**DPC AGENT PROGRAM 1.50**

Antenna Pointing Calculations

Country = USA	Region = Utah
City = Orem	Service = Hughes
Satellite = Galaxy 4	
Satellite Longitude = 99	Hemisphere = West
Satellite Polarization = Horz	Frequency = 1330
Ground Longitude degrees = 111	minutes = 42 Hemisphere=West
Ground Latitude degrees = 40	minutes = 19 Hemisphere=North
COMPUTE NOW	
Elevation = 41.608868	
True Azimuth 160.800003	
Magnetic Azimuth 147.300003	
Polarization -14.500000	

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-2

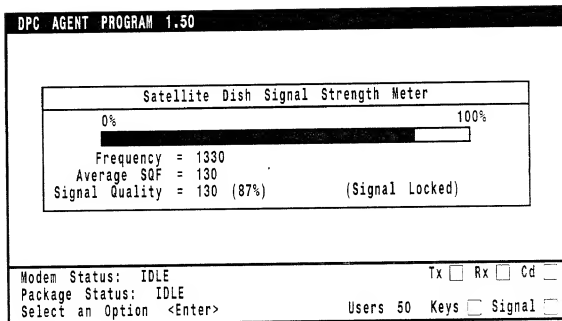


Fig. 10j-1

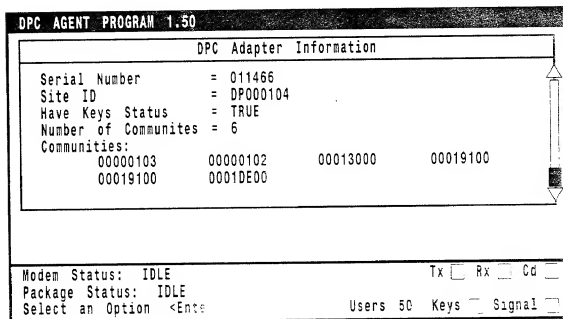


Fig. 10j-2

DPC AGENT PROGRAM 1.50

Modem Control Options

Disconnect the Modem

Dial the Internet

Dial the Package Delivery

Send to the Modem

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10k